

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Norwalk Substation

Date: October 13, 2006

Inspector: Diana Walden, Lee Curtis, BSC Group

Location: Norwalk Substation Expansion

Storm/

Rain Event: Reports range from 0.51-3.44" of rain recorded over 10/11-10/12, depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	- The catch basin near the Route 7 ramp receives a lot of off-site stormwater-sedimentation of roadway sand is occurring here. 12/22-10/13/06.	-The area should no longer be affected by any onsite sediment. The silt fence could be removed. 12/1-10/13/06.	-N/A.
Foundation construction	-No construction activity was noted in the substation. 10/13/06.	- None at this time. Little to no soil disturbing work is occurring. 5/17-10/13/06.	-N/A
Erosion and Sediment Controls	- Erosion does not appear to be increasing on the slope of the river near the structure. 6/28-10/13/06 -Stone was spread over unpaved surfaces throughout the substation yard. The additional stone stabilizes unpaved surfaces and filters run-off prior to entering the inlet leading to the Norwalk River. 10/13/06	- Continue to monitor and attempt to make the area more natural/ vegetated if feasible. 5/25-10/13/06. -N/A	-N/A -Stone was spread throughout the substation yard.
Inland Wetland and Watercourse encroachment and mitigation	- The original overflow channel is fully vegetated. 10/13/06 - Repaired stone fill at the	- None at this time. 10/13/06 - Ensure that appropriate	-N/A - Needs evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
	turning structure appears to be piled noticeably higher than adjacent grades. 9/13-10/13/06	grades are met. 10/13/06.	
Vegetative clearing limits (including trees to save or danger trees noted)	-The riverbank to the north of site in the ROW was restored by overhead crews. This area is beginning to re-vegetate. 9/29-10/13/06. Storm water runoff from the paved bike path was washing out the seed and mulch from portions of the restored area. 10/4-10/13/06.	- Continue to monitor and consider alternative stabilization measures if grass growth does not increase. 9/29-10/13/06.	-Some grass growth was noted.
Dewatering	-Construction dewatering should no longer be occurring on site. 10/13/06.	-None at this time. 10/13/06.	-N/A.
Blasting	- Not applicable	- None at this time.	-N/A
Spills and Material Storage	-Construction equipment storage on site is minor. 10/13/06.	In general: - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations	-This site may be able to be removed from the inspection route in the near future. 10/13/06		

Plumtree Substation

Date: October 13, 2006

Inspector: Diana Walden, Lee Curtis, BSC Group

Location: Plumtree Substation Expansion, Bethel

Storm/

Rain Event: Reports range from 0.51-3.44" of rain recorded over 10/11-10/12 depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads	<p>-The drive is in use for equipment entering the substation for several active projects. 10/13/06.</p> <p>-Sediment had been noted in the wetland swales adjacent to the access road. 7/5-10/13/06</p>	<p>- None at this time. 10/13/06.</p> <p>- This is likely a pre-existing condition and not directly related to the expansion work. However, if the road can be further stabilized, this may help the situation. 7/19-10/13/06.</p>	<p>-N/A.</p> <p>- Needs evaluation</p>
Foundation construction	<p>- Foundation excavation within the southern portion of the substation was noted, but is not under jurisdiction of this project. 10/13/06.</p> <p>- Activities occurring within the substation involve electrical testing/switching and clean up. 10/13/06</p>	<p>-N/A. 10/13/06.</p> <p>-None at this time. 10/13/06</p>	<p>-Non-jurisdictional.</p> <p>-N/A</p>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>- The site has been graded on an even level to the perimeter stone berm towards the north of the site. 7/19-10/13/06</p> <p>- Additional stockpiles and sediment were noted within the southern portion of the substation. This work is not under project jurisdiction but needed erosion controls. 10/13/06.</p> <p>-At least one stockpile and some materials remain on site from previous B/N work.</p>	<p>- The berm must remain maintained as sediment control. It may need to be built up with stone in order to filter effectively. 7/19-10/13/06.</p> <p>-The appropriate personnel were informed. 10/13/06.</p> <p>-Continue to monitor. 9/20-10/13/06.</p>	<p>- Needs evaluation</p> <p>-Non-jurisdictional.</p> <p>-N/A at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	9/20-10/13/06.		
Inland Wetland and Watercourse encroachment and mitigation	- Wetlands are located around the outskirts of the substation yard. 10/13/06	- Maintain perimeter berm. Vegetation adjacent to the yard is thick and helps filter run-off. 10/13/06.	N/A.
State species of concern, threatened and endangered species	- The wood turtle was seen along the outside perimeter of the station the week of 5/25/06.	- Move machinery carefully and perform daily walkdowns of the site. Continue to watch carefully for the turtle. 5/25-10/13/06.	-Crews should remain aware during work.
Vegetative clearing limits (including trees to save or danger trees noted)	- No vegetation outside of the substation yard will need to be cleared during the expansion work.	- None (minor clearing for access for a separate project occurred outside of the yard in the adjacent ROW)	-N/A
Dewatering	- Active dewatering was not observed at the inspection. 10/13/06.	- If necessary, utilize methods of controlling dewatering without letting unfiltered water off-site. 10/13/06	-N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	-N/A
Spills and Material Storage	- No spills or leaks were noted. Continue to monitor machinery. 10/13/06.	- The contractors should remain vigilant about securing and handling fuel containers. - Keep all vehicles maintained well (i.e. no apparent fluid leaks) - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations			

Next likely scheduled inspection:

Wednesday, October 18, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden, Lee Curtis, BSC Group



(Norwalk Substation): Photo shows a view of the additional stone spread throughout the substation yard and access drive. 10/13/06



(Plumtree Substation): Photo on the left shows excavation occurring in the southern portion of the substation yard. This is not project jurisdictional. Photo on the right shows a view of the completed structures for the project in the northern portion of the yard 10/13/06.